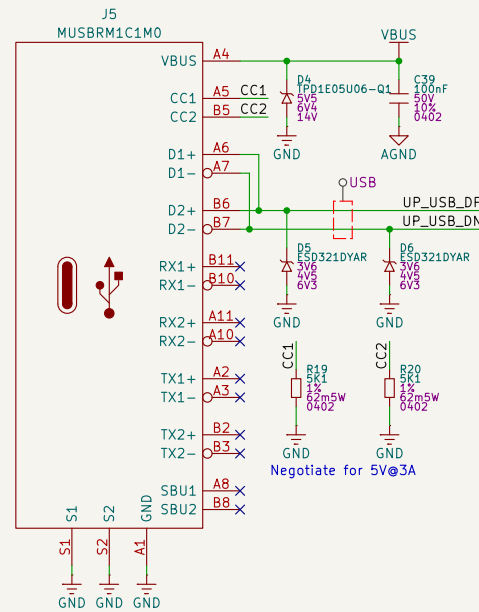
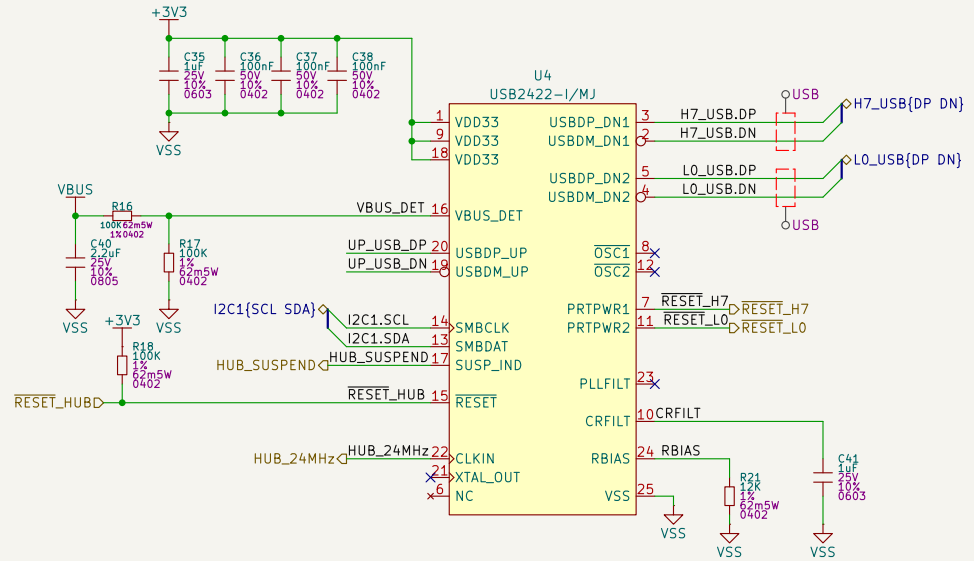


Upstream Facing USB Port
VIN: 5V@3A



Differential impedance: 90 Ohm
Length matching: +/- 15.24mm for DP/DN

USB Hub



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Sheet: /USB Hub/

File: usb_hub.kicad_sch

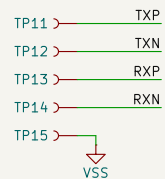
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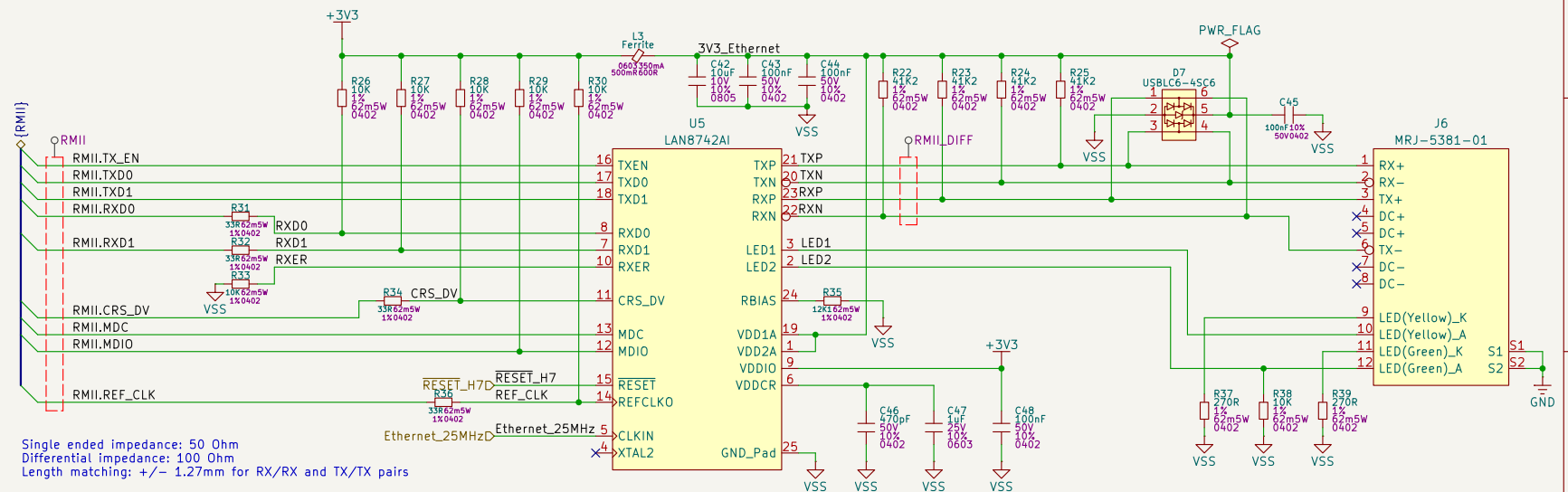
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Rev: 1
ID: 9/16





Single ended impedance: 50 Ohm
 Differential impedance: 100 Ohm
 Length matching: +/- 1.27mm for RX/RX and TX/TX pairs



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Sheet: /Ethernet/

File: ethernet.kicad_sch

Title: Ethernet

Size: USLetter

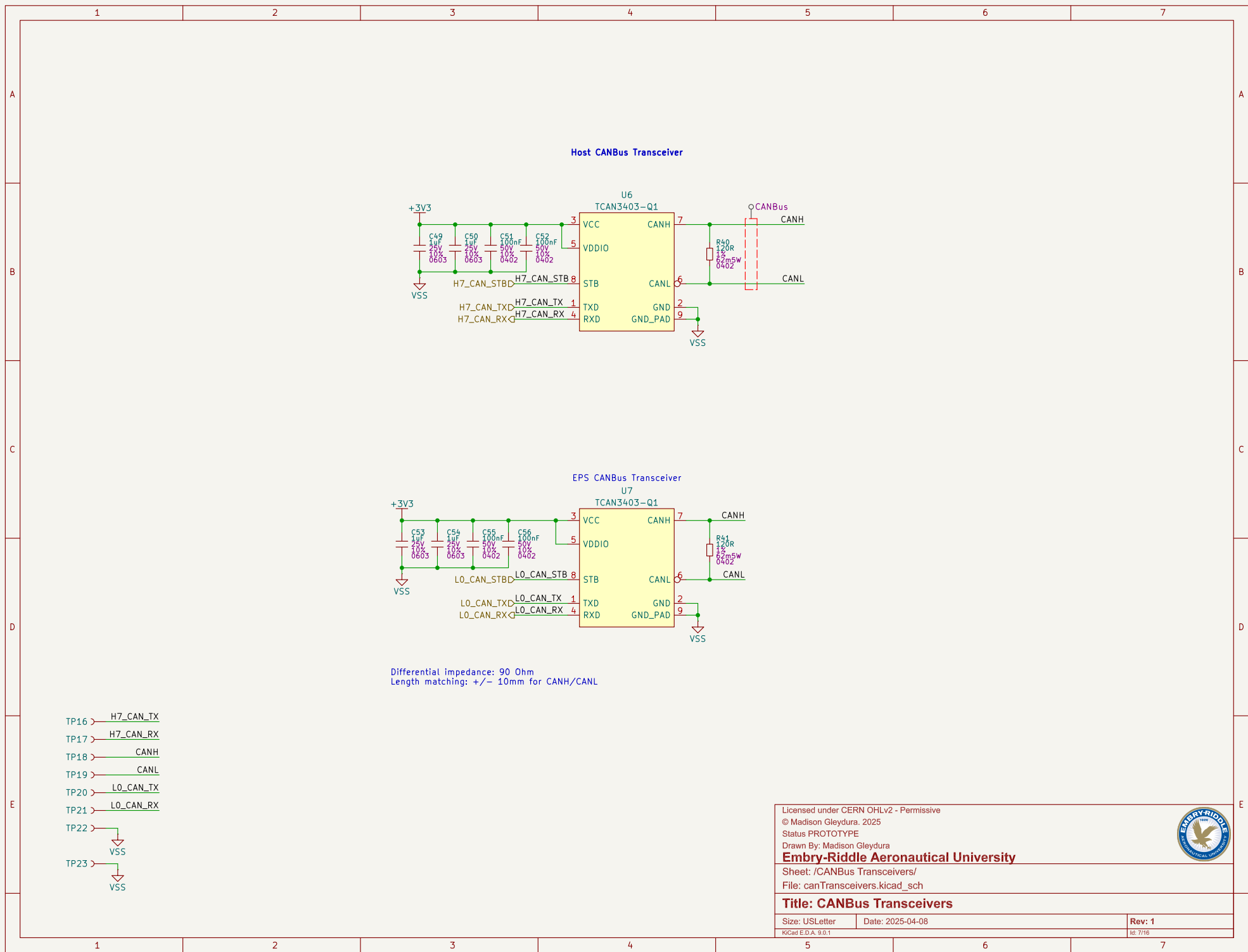
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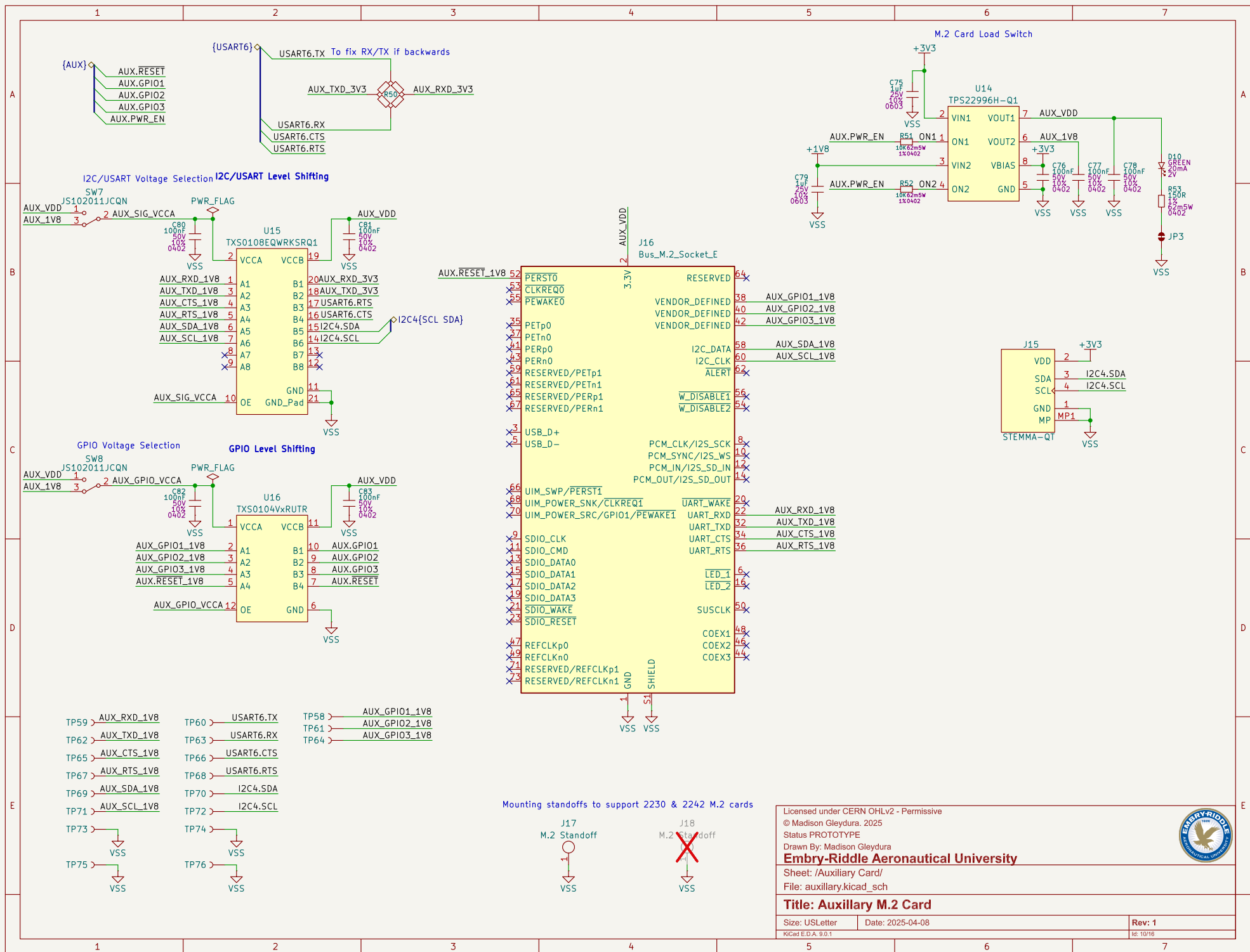
Rev: 1

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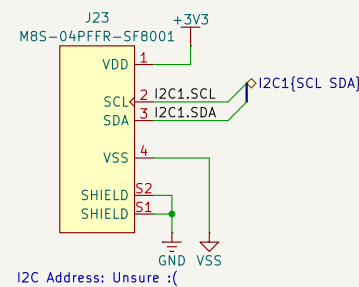
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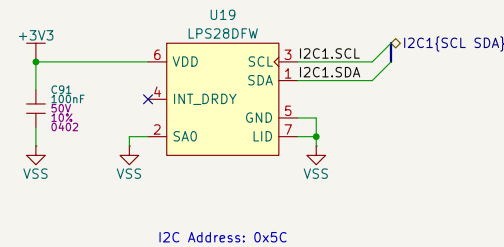




External Temperature/Humidity Sensor



Internal Pressure Sensor w/ port



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Sheet: /Environmental Sensors/
File: sensors.kicad_sch



Title: Environmental Sensors

Size: USLetter	Date: 2025-04-08	Rev: 1
KiCad E.D.A. 9.0.1		Id: 12/16

